

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PEX16



Numéro de catalogue: 14816-1-AP

Phare

14 Publications

## Informations de base

<b>Numéro de catalogue:</b> 14816-1-AP	<b>Numéro d'acquisition GenBank:</b> BC000467	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 9409	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IF 1:20-1:200
<b>Hôte:</b> Lapin	<b>Nom complet:</b> peroxisomal biogenesis factor 16	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 39 kDa	
<b>Immunogen Catalog Number:</b> AG6566	<b>MW observés:</b> 38 kDa	

## Applications

<b>Applications testées:</b> IF, WB, ELISA	<b>Contrôles positifs:</b> WB : tissu hépatique humain, IF : cellules HepG2,
<b>Demandes citées:</b> IF, IHC, WB	
<b>Spécificité de l'espèce:</b> Humain, rat, souris	
<b>Espèces citées:</b> Humain, souris, arabidopsis	

## Informations générales

Peroxis (PEXs) are proteins that are essential for the assembly of functional peroxisomes. Peroxin 16, also known as PEX16 or Peroxisomal biogenesis factor 16, is a 336 amino acid integral membrane protein that has a critical role in the biogenesis of peroxisomes. PEX16 together with PEX3 and PEX19 are specifically involved in peroxisomal membrane protein (PMP) import. Defects in the gene encoding Peroxin 16 are the cause of multiple peroxisome-related disorders, including Zellweger syndrome (ZWS), neonatal adrenoleukodystrophy (NALD), infantile Refsum disease (IRD), classical rhizomelic chondrodysplasia punctata (RCDP) and peroxisome biogenesis disorder complementation group 9 (PBD-CG9).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lingjuan Piao	31530170	Antioxid Redox Signal	WB
Ming-Ying Ling	36326546	Arch Biochem Biophys	IHC
Katharina M Walter	25440060	Cell Metab	WB

## Stockage

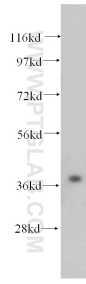
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

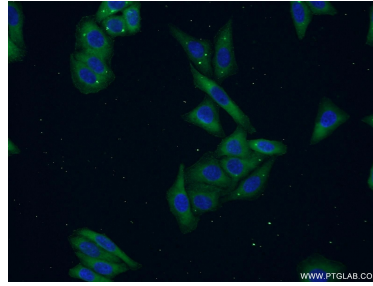
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



human liver tissue were subjected to SDS PAGE followed by western blot with 14816-1-AP (PEX16 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 14816-1-AP (PEX16 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).